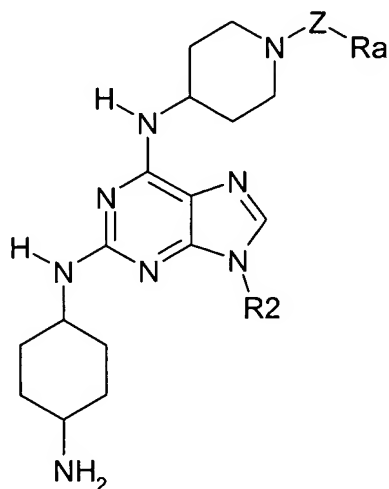


**In the Abstract:**

Please delete the current abstract and replace it with the following:

The present invention is directed to acyl and sulfonyl derivatives of 6,9-disubstituted 2-(trans-1,4-diaminocyclohexyl)-purines of the formula



where Z is selected from the group consisting of -S(O)<sub>2</sub>-, and -C(O)-.